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नई दिल्ली, शनिनार, अक्तूबर 18, 1997 (आश्विन 26, 1919)

No. 42] NEW DELHI SATURDAY, OCTOBER 18,1997 (ASVINA 26, 1919)

इस भाग में भिन्न एक पंजया ही जाती है जिससे कि यह सत्ता संकलन के रूप में रखा जा सके (Separate paging is given to,this Part in order that it may be filed as a separate compilation)

माग III—खण्ड 2 [/] [PART III-SECTION 2]

पैतेस्न कार्यालय तथा जारी की गई पेतेस्तों और क्रिजाइसों से सम्बन्धित क्षीप्रसम्तां। और जीतिस्त (Notifications and Notices Issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 18th October 1997,

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(1451)

पटेट कार्यालय

एकस्य तथा अभिकल्प

कलकता, विमांक 18 अवत् बर 1997

पंडांक कार्यालय को कार्यालयाँ को वर्त एवं क्षेत्राधिकार

पेट के कार्यां का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुख्य हैं, विल्ली एवं चेन्न हैं में इसके शाखा कार्यालय हैं, जिनके प्राव किया क्षेत्राधिकार जीन के आधार पर निम्न एप में प्रविध्त हैं:—

पैटेंट कार्यासय शासा, टोडी इस्टेंट, तीसरा तस, लोजर परेन (प.), मृम्बर्ग-400 013

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा गाँका राज्य क्षेत्र एवं संघ शासित क्षेत्र, वमन तथा दीव एवं वादर और नगर हवेली । तार पता-"पेटांफिस"

पैट्रैंट कार्यालय शासा, एकक सं. 401 सं 405, तीसरा तल, नगरवालिका बाजार भवन, सरस्वती मार्ग, करोल बाग, नद्रै विल्ली-110 005.

हरियाणा, हिमाचल प्रवेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रद्रोश तथा विल्ली राज्य भैत्री एवं संघंशासित क्षेत्र चंडोगढ़।

तार पता-''पेट'ट फिक''

पेट^कन्ट कार्यालय **काका**, विंग सी (सी-4, ए) तीसरा तल, राजाजी भवन बसन्त नगर, चेन्नइ^क-600090 ।

आन्ध्र प्रदेश, कर्नाटक, करेल, तीमलनाड, तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता-"पेट'टोफिस"

पेट ट कार्यालय (प्रधान कार्यालय)
निजाम पेलेस, दिनतीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आजार्य जगदीश बोस मार्ग,
कलकत्ता-700 020

भारत का अवशेष क्षेत्र ।

तार पता - "पटेंट्स"

पेटीट अधिनियम, 1970 या पेटीट नियम, 1972 में अपिक्षत सभी आवेदन-पत्र स्वानाएं, विवरण या अन्य अलेख पेटीट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क : शुल्कों की अदायगी या ता नकत की जाएगी जयवा उपयुक्त कार्यालय में नियंत्रक की भूगतान संग्य धनादोश असवा डाक आदोश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्नाम के अनुमूचित बर्क से नियंत्रक की भूगतान योग्य बर्क क्राफ्ट असका चैक द्यारा की जा सकती है।

APPLICATION FOR THE PATENT FILED AT THE HFAD OFFICE 234/4. ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the decent bracked are the dated claimed under section 135, Patent Act, 1970.

29-08-1997

- 1590/Cal/97. Rexam Australia Pty Limited, "Easy-Opening reusable engelopes" (Convention No. P02004 on 29-8-96 and P02354 on 16-9-96 in Australia).
- 1591/Cal/97, Innvata Blomed Limited, "An inhaler for delivering a substance in a finely divided form" (Convention No. 9203761.3 on 21-2-92 in United - Kingdom).
- 1592/Cal/97. Sonoco Products Company, "An adapter for rotatably, supporting a yarn carrier in a winding assembly of a yarn processing machine" (Convention No. 08/721,476 on 27-9-96 in U S.A.).
- 1593/Cal/97. Bina Metal "Way Limited. "Improved rail joint".
- 1594/Cal/97. 1. Prabir kumar Bandopadhyay, 2. Steel Authority of India Ltd , "A process for the production

- of ductile Iron at a reduced cost using a cold blast cupola furnace".
- 1595/Cal/97. Samsung Electronics Co. Ltd., "Apparatus for eliminating external interference; signals in code division multiple access mobile phone and method therefor". (Convention No. 49743 /1996 on 29-10-96 & 18905/1997 on 16-5-97 in Korea).
- 1596/Cal/97. NGK Insulators, Ltd.. "Production of ceramic tubes for metal halide lamps" (Convention No. 8-230,196 on 30-8-96 in Japan).
- 1597/Cal/97, Hoechst AG., and Siemens AG, "A process for preparing, a phosphorus-modified epoxy resin".
- 1598/Cal/97. Thomson Consumer Electronics, Inc., "A switched-mode power supply control circuit' (Convention No. 713,380 on 13-9-96 in U.S.A.).
- 1599/Cal/97. Daewoo Electronics Co. Ltd., "Method and apparatus for compensating quantization errors of a decoded video image using an adaptive filter". (Convention No. 96-36972 on 30-8-96 in, South Korea),

PART III-SEC.2] THE GAZETTE OF INDIA, OCTOBER 18, 1997 (ASVINA 26, 191

- 1600/cAL/97. Daewoo Electronics Co. Ltd, "Method for producing a restored binary shape signal based on an interpolation technique" (Convention No. 97-31655 on 9-7-97 in South Korea).
- 1601/Cal/97. Daewoo Electronics Co. Ltd., "Method and apparatus for compensating: quantization errors of a decoded video signal by using an adaptive dilter" (Convention No. 96-36970 on 30-8-97 in South Koroa).
- 1602/Cal/97. Daewoo Electronics Co, Ltd., "Method and apparatus for contour motion estimating a binary image by using a Weighted block match algorithm" (Convention No. 97-33820 on 19-7-97 in South Korea).

01-09-1997

- 1603/Cal/97. Daewoo Electronics Co, Ltd., "Circuit for detecting a wrong operation of a flyback transformer Convention No, 96-37574 & 96-37575 on 31-8-96 in Korea).
- 1604/Cal/97. Daewoo Electronics Co. Ltd., "Apparatus and method for controlling control-voltage of a horil zontol osoillator". (Convention No. 96-37628 on 31-8-96 in Korea).
- 1605/Cal/97. Johnson & Johnson Medical, Inc., "Flashless catheter beveling process" (Convention No. 08/707592 on 5-9-96 in XI. S. A.).
- 1606/Cal/97. Indian Council of Agricultural Research, "A method of producing improved into based bulked yarn for manufacturing diversified product including apparers.
- 1607/Cal/97. Daewoo Electronics Co., Ltd., "Method and apparatus for binary shape encoding" (Convention No. 97-32204 on 11-07-97 in South Korea).
- 1608/Cal/97. Beizdearborn Inc., "A method of producing dewatered non-sticky sludge" (Convention No. 08/749,368 on 21-11-96 in U.S.A.).
- 1609/Cal/97. Alfa Laval AB., "A method and a plant for treating of a contaminated pulp suspension" (Convention No. 9603345-1 on 16-9-96 in Sweden).

02-09-1997

- 1610/Cal/97. American Home Products Corporation, Extended release formulation" (Convention No. 60/014, 006 on 25-3-96 in U.S.A..).
- 1611/Cal/97. Agouron Pharmaceuticals, Inc., "A method of making HIV-protease inhibitors" (Convention, No. 08/708,667 on 5-9-96 in U.S.A.)
- 1612/Cal/97. (1) Agouron Pharmaceuticals, Inc., (2) Japan Tobacco Inc. "Novel intermediates for making HIV-protease inhibitors" (Convention No. 08/) 708. 607 on 5-9-96 in U.S.A.).
- 1613/Cal/97. PPG Industries, Inc., "Carabamate functional polymers and oligomers and coaling compositions containing same" (Convention No. 60/025608 on 4-9-96 and 08/885553 on 30-6-97 in U. S. A.).
- 1614/Cal/97. PPG Industries, Inc., "Film-Frrming composition suitable for use as a monocoat" (Convention No. 60/025448 on 4-9-96 & Nil on 22-8-97 in U. S. A.).
- 1615/Cal/97. PPG Industries, Inc, "Electrodepositable coating composition containing bishmuth and amino acid materials and electrodeposition method".

 (Convention No. 60/025326 on 6-9-96 & 08/868411 on 3-6-97 in U. S. A.).
- 1616/Cal/97. Sumitomo Chemical Company Limited, "Novel ester compounds, pesticidal compositions containing the same and intermediates for synthesis thereof". (Convention No. 08-243204 on 13 9-96 in Japan).

- 1617/Cal/97. Johnson & Johnson Medical, Inc.-, "Moldless beveling of catheters" (Convention No. 08/709172 on 6-9-96 in U. S. A.).
- 1618/Cal/97. Eli Lilly and Company, "Selective B 3 Adrenergic agonists" (Convention No. 60/025,818 on 5-9-96 & 60/029,228 on 30-10-96 in U. S. A)
- 1619/Cal/97. General Electric Company, "Method for recycling aromatic polycarbonates".
- 1620/Cal/97. Engelhurd Corporation, Catalyst composition containing oxygen storage" (Convention No. 08/722, 761 on 27-9-96 in U. S. A.).

03-09-1997

- 1621/Cal/97. Fico Cables, S. A., "Brake lever for automobile vehicle safety brake mechanism" (Convention, No. P 9602227 on 22-10-96 in Spam).
- 1622/Cal/97. Fico Cables S. A,. "Curved terminal for control cables". (Convention No. P 9602173 on 15-10-96 in Spain).
- 1623/Cal/97 Irving Chung-Chi Chen, "A method of making! an insertless perforated mill roll" (Divided out of No. 777/Cal/1993 antidated to 09-12-1993).
- 1624/Cal/97. Ranjan Sen, "An improved process for production of stainless steell directly from iron ore and chromite ORE" by carbon Reduction Process.
- 1625/Cal/97. Siemens Aktiengesellschaft, "Method and device for acoustic modulation of a flame produced by a hybrid burner" (Convention No. 19636093.5 on 5-9-96 in Germany).
- 1626/Cal/97. Hitachi, Ltd., "Displacement type compressor and method of forming coating film". (Convention No. 08-255569 on 5-9-96 in Japan).
- I627/Cal/97. Siemens Aktiengesellschaft. "Method for controlling the setting up of telecommunication connections in telecommunication subsystems serving as local message transmission loops of telecommunication etc. (Convention No. 19636758.1 on on 9-9-96 in Germany).
- 1628/Cal/97. Siemens Aktiengesellschaft, "Catalyst system and recombination device for the recombination of hydrogen and oxygen, in particular for a nuclear power station". (Convention No. 19636557.0 on) 9-9-96 in Germany).
- 1629/Cal/97. Quest international B.V., "Novel substituted 2-cyclohexyl-propan-1-OI",

04-09-1997

- 4

- 1630/Cal/97. (1) Pranab Das (2) Stecl Authority of India Ltd/, "An improved composition for coating the inner surface of a metatic through used for casting; spun metal pipes and a process for preparing the same".
- 1631/Cal/97. Libbey Glass Inc., "Transfer, mechanism for glass articles". (Convention No. 08/730,071 on 15-1-0-96 in-U.S.A.)-
- 1632/Cal/97. R& C Product Pty. Limited, "Insectiddal composition", (Convention No. 9618572.3 on 5-9-96 in United Kingdom).
- 1633/Cal/97. Siemens Aktiengesellschaft, "Device for and method of burning,a fuel in air", . (Convention No. 19636556-2 on "9-9-96 & 19640818.0 on 2-10-96 in Germany)
- 1634/Cal/97. Siemens Aktiengesellchaft, "Method and device for initiating a hydrogen/Oxygen reaction in a reactor safety vessel. (Convention No. 19636555.4 on 9-9-96 in Germany).
- 1635/Cal/97. Siemens Aktlengesellschaft "Cashless payment using a mobile telephone" (Convention No. 19637434.0 on 15-96 in Germany)

- 1636/Cal/97. Siemens Aktiengesellschaft, "DC/DC frequency converter switching". (Convention No. 19636760.3 on 10-9-96 in Germany).
- 1637/Cal/97. Siemens Matsushita Component* GMBH & Co. KG.. "Device for dissipating heat from ferrits cores of inductive components". (Convention No. 19637211.9 on 12-9-96 in Germany).
- 1638/Cal/97. KSB Aktiengesellschaft, "Lift valve of short design". (Convention No. 19637315.8 on 12-9-96 & 19733544.6 on 2-8-97 in Germany).

05-09-1997

- 1639/Cal/97. Daewoo Electronics Co. Ltd., "Method and apparatus for encoding a contour of an object based on a contour motion estimation technique". (Convention No. 97-31211 on 5th July, 1997 in South Korea).
- 1640/Cal/97. Siemens Aktiengesellschaft. "Method for determining the fundamental and harmonics of a measured electrical quantity". (Convention No. 19637676.9 on 5-9-96 in Germany).
- 1641/Cal/97. Siemens Aktiengesellchaft, "Call handover between a dect subsystem and a mobile radio system". (Convention No. 19637437.5 on)13-9-96 in Germany).
- 1642/Cal/97. Asta Medica AG, "Means for treating prostate hypertrophy and prostate cancer". (Convention No. 60/025,990 on 12-9-96 & 60/043.228 on 10-4-97 in U.S.A.).
- 1643/Cal/97. Merck Patent Gesellschaft Mit Beschrrankter Haftung, "Piperazine derivatives". (Convention No. 19637237.2 on 13-9-96 in Germany).
- 1644/Cal/97. Voest-Alpine Industricanlagenbau GMBH,
 "Method of monitoring the function of a dust return system in a melt-down gasifier". (Convention No. 19638346.3 on 19-9-96 in Germany).
- 1645/Ca1/97. Krohne Messtechnik GMBH & Co. KG, "Suspended body flowmeter". (Convention No. 19636778.6 on 11-9-96 & 19639060.5 on 24-9-96 in Germany).
- 1646/Cal/97. Hollandse Signaalapparaten B. V., "Method for determining an impact point of a fired projectile relative to the target". (Convention No. 1004025 on 13-9-96 in The Netherlands).

08-09-1997

- 1647/Cal/97. SKF Textilmasehinen-Komponenten GMBH, "A pair of top Rollers for drafting system aprons of spinning machines". (Convention No. 29616186.1 on 17-9-96 in Germany).
- 1648/Cal/97. Betzdearborn Inc.. "Method for producing dewatered grain-based cellulosic materials". (Convention No. 08/734,428 on 16-10-96 In U.S.A.).
- 1649/Cal/97. . Alok Ranjan Koley. "Microtome section antitangler"
- 1650/Cal/97. Zimmer Aktiengesellschaft, "Zeolite catalyst for the polycondensation of polyester". (Convention No. 19638549.0 on 20-9-96 in Germany).
- 1651/Cal/97, Eli Lilly and Company, "Pharmaceutical compounds",
- 1652/Cal/97. Siemens Aktiengesellschaft, "Method for the transmission of data in a hybrid telecommunication system, in particular an ISDN DECT-Specific RLL/WLL" system". (Convention No. 19636744.1 on 10-9-96 in Germany).
- 1653/Cal/97. Davy Distington limited, "Continuous casting of metal slabs".
 - 1654/Cal/97. Ejot Verbindiingstochnik GMBH & Co. KG, "Mastic nut for connecting panel-like parts". (Conventton No. 19639396.5 on 25-9-96 & 19728988.6 on 7-7-97 In Germany).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in Opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents. Rules, 1972.

The classifications given below in respect of each specification me according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges, may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिद्धेका

एतष्वनाय यह सूचना दो जाती है कि सम्बद्ध आवंदनों में से किसी पर पेटांट अनुवान के विरोध करने के दण्डुक कोई व्यक्ति, इसके निर्मय की तिथि से बार (4) महीने या बीडिय एसी अविध जो उकत 4 महीने की अविध की समाप्ति के पूर्व पेटांट नियम, 1972 के हहत पिहिल प्रवंघ 14 पर आवीच एक महीने की अविध से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में एसे विषय वी मूचना विहित प्रवंघ 15 पर दे सकते हैं। विराध विधि लिखित वक्तव्य, उदत सूचना के साथ अथवा पेटांट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिदाँका को संदर्भ में नीचं दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण को अनुरूप हुवै।"

ख्पांकन (चित्र कार खों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की अपूर्ति पेटोन्ट कार्यालय, कलकत्ता अथवा उपयुक्त खाखा कार्यालय स्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-ध्यहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती हैं। विनिर्देश की पृष्ठ संख्या के साथ प्रस्थेक स्वीकृत विनिर्देश के सामने नीचे विणिश चित्र आरखे कार्याओं को जीवकर उसे 2 से गुणा करके, (क्योंकि प्रस्थेक वृष्ठ का लिप्यान्तरण प्रभार 2/- रु. हैं) कोटो लिप्यान्तरण प्रभार का परिकलन किया जा गकता है।

PART III-SEC.2] THE GAZETTE OF INDIA, OCTOBER 18, 1997 (ASVINA 26, 1919) 1

Cl.: 32

 \mathbf{F}_{1}

179541

Int. Cl.⁴ : C 07 C 25/13.

"PROCESS FOR THE PREPARATION OF 2, 4-DICH-LOROFLUOROBENZENE".

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFRUT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventory: (1) THEODOR PAPENFUHS.

(2) GEORG FOLZ,

(3) RALF PFIRMANN.

Application No.: 657/Ca1/1992 filed on 14th September, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

19 Claims

A process for the preparation of 2, 4-dichloro-fluorobenzene in high yields and high purity in a three-stage process without intermediate separation of the isomers formed, comprising (1) nitrating 1 mol of fhiorobenzene to give nitrofluorobenzene using a mixture of 33 to 65 parts by weight of 50 to 90% strength sulfuric acid and 35 to 65 parts by weight of nitrating acid comprising 35 to 55 parts by weight of 98 % strength sulfuric acid and 45 to 65 parts by weight of 96 to 98% strength nitric acid, with the proviso that 0.8 to 2.0 equivalents of nitrating agent NO² + are used per mol of flurobenzene, at temperatures of 20 to 90°C, optionally in the presence of a solvent or diluent then (2) chlorinating the crude nitrofluorobenzene of step (1) by treating 25g to 150g of chlorine, or equivalent amounts of a known chlorine relating agent, on each 100g of the crude nitrofluorobeazene mixture obtained, in the presence of a diluent, at temperatures of 20 to 1000°C. finally (3) carrying out denitrating chlorination by treating 18g to 230g of chlorine or equivalent amounts of a known chlorine releasing agent on each 100g of the Crude chlorofluoronitrobenzene mixture obtained in step (2) after removal of the ring chlorinating calalyst, optionally in the presence of a diluent and optionally in the presence of a dehydrating agent and/or a fluoride scavenger, at temperature of 110°C to 220°C and then isolating the 2, 4-diehlorofluorobenzene by fractional distillation or molt crystallization.

(Compl Specns: 15 pages; Drgn. : Nil)

CL : 206 E

179542

Int. $:Cl^4: A 61 K 49/00.$ G 01 S 15/04.

, "METHOD FOR THE MANUFACTURE OF ULTRA-SOUND CONTRAST AGENT IN THE FORM OF GASE-OUS MICROBUBBLES".

Applicant: SONUS PHARMACEUTICALS. INC., OF 22026 20th AVENUE, S.E., SUITE 102, BOTHELL, WASHINGTON 98021 UNTIED STATES OF AMERICA.

Inventor: STEVEN CARL QUAY.

Application No.: 673/Cal/1992 filed on 15-09-1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method for the manufacture of an ultrasound contrast agent in the form of gaseous microbubbles, the method comprising the steps of :

(a) selecting at least one chemical from the group comprising perfluorobutane. ptrfluoropentane, sulfur hexafluoride. hexafluoropropylene, perfluoropropane, hexafluoroctkane, octaflubro-2-butene, hexafluoro-2-butyne, hexafluorobuta-1. 3-dlne, octafluoro-cyclobutene, and perfluorohexane;

- (b) adding said chemical to an aqueous solution constituted of water, surfactants, known per se, and viscosity, enhancing agents, known per se; and.
- (c) mixing said chemical in said solution for a period of time sufficient to form gaseous microbubbles of the chemical in the solution, said microbubbles being of a size smaller than 8 microps.

(Compl. Specns. : 44 pages;

Drgn.

: Nil)

l :

187

 C_3

179543

187 E

Int. Cl.': H 04 R 23/00.

"CELLULAR MOBILE RADIOTELEPHONE SYSTEM".

Applicant: SIEMENS AKTIENGESELLSCHAFT, OF W1TTELSBACHERPLATZ 2, 8000 MUENCHEN 2, GERMANY.

Inventors: (I) MARTIN SANNE.

- (2) GERHARD RITTER,
- (3) WILHELM HEGER.
- (4) MICHAEL FAERBER,
- (5) ALAN-P CROFT.

Application No.: 201/Cal/1993 filed on 7th April, 1993.

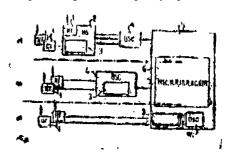
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) patent Office, Calcutta.

9 Claims

A cellular mobile radio telephones system comprising:

at least one mobile switching center (MSC) and a plurality of base stations (BS) connected to the mobile switching centre via base station controllers (BSC),

said base stations (PS) each comprising equipment (RT) for processing radio frequency specific fuctions and comprising equipment (3) for processing radic frequency independent baseband specific functions; characterised in that said equipment (3) for processing baseband specific functions are pooled together at a central location in the mobile radio telephone system and connected to said equipment as herein described for processing radio frequency specific functions.



(Compl. Specns.: 10 pages;

Drgns. : 2 Sheets)

Cl.: 66 D

179544

Int. Cl.: H 01 J 65/00.

"ELECTRODELESS DISCHARGE LAMP CONTAIN. ING PUSHPULL CLASS E AMPLIFIRE AND BIFILAR COIL".

Applicant: DIABLO RESEARCH CORPORATION, OF 130 KIFER COURT, SUNNYVALE, CA 94086, UNITED STATES OF AMERICA.

Inventors: (1) DEREK BRAY,

- (2) TIMOTHY PATRIC MURPHY,
- (3) LANCE TYLER KUNGER.

Application No.: 278/Cal/1993 filed on 17th May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

The electrodeless discharge lamp comprising :

a sealed vessel (15) cotaining a gaseous mixture;

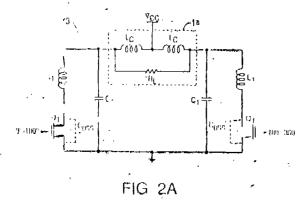
an induction coil (14) positioned adjacent said sealed vessel;

means (12) for generating an oscillating electrical signal at a predetermined frequency;

an amplifier (13) amplifying said oscillating signal, said amplifier comprising :

a first switching means (Q1) and a second switching means (Q^1) , said "first and second switching means being turned on out of phase with each other such that one of said first and second switching means is in an off condition when the other of said switching means is in an on condition;

a dumped resonant circuit connected between said first and second switching means, said damped resonant circuit-resonating vhen one of said first and second switching means is in an off condition in such a way that the voltage across each, of first and second switching means is a substantiality zero when said switching means turns off and the voltage across and current through each of said first and second switching means are substantially zero when said switching means turn on.



(Compl. Specns. : 22 pages; Drgns ; 7 Sheets)

Cl. :.12 C Int. Cl. : C 21 D 1/00, 1/18, 1/19, 1/42, 1/44, 1/53, "1/667.

"A PROCESS OF FINE PLARLITIZING OF RAIL HEAD FOR EFFECTING HIGH RISE IN TRACE LIFE AND AN APPARATUS THEREFOR".

Applicant & Inventor: BROJO RENU GANGUL1, OF 831 BLOCK 'P' NEW ALIPORE (GROUND- FLOOR) CALCUTTA-700053 WEST BENGAL, INDIA.

Application No. : 528/Cal/1993 filed on 8th September, 1993.

(Complete specification left after provisional on 26-11-1993).

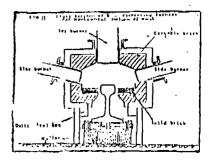
Appropriate Office tor Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A process of fine pearlizing of rail head for producing tugh, fatigue and wear resistant rail heads, comprising in sequence;

(a) a continuous heat treatment of the contact area of the rail head to an adequate depth to austenitising temperature (i.e. above 830° C);

- (b) a quick cooling of the said contact area using compressed air & compressed air with water to the isothermal reaction temperature (i.e 520 \pm 20)°C,
- (c) holding the said contact area at the actual temperature of isothermal reaction for sufficient lime as-shown in fig. 5 until the change from austenite to fine laminar pearlite is complete.



(Compl. Specns. : 17 pages;

Drgns.: 5 Sheets)

Cl.: 201 D

179546

Int. Cl.: C 02- F 3/28; 3/30.

"A PROCESS FOR PURIFYING EFFLUENT WASTE WATER".

Applicant: THE MINISTER FOR PUBLIC WORKS FOR AND ON BEHALF OF THE STATE OF NEW SOUTH WALES, OF NEW PUBLIC WORKS DEPARTMENT MCKELL BUILLHNG, 2-24 RAWSON PLACE, SYDNEY, NEW SOUTH WALES, 2000, AUSTRALIA.

Inventor: SCOTT HARRIS.

Application No.; 675/Cal/1993 filed on 5th November, 1993.

(Convention No, PL5724 on 6-11-1992 in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patent. Rule, 1972), Patent Office, Calcutta.

8Claims

179545

- " A process for purifying effluent waste water by removal of biological phosphorus, which comprises in combination the steps of :—
 - (a) combining waste water with activated sludge comprising a concentration of phosphorus accumulating bacteria together with other -microganisms in a first container under anaerobic conditions; by method known per se;
 - (b) transferring the products of step (a) to a second container:
 - (c) aerating the contents of the second container;
 - (d) allowing the contents of the second container to settle and separate into an affluent layer and an activated sludge layer;
 - (e) decanting at least some of the treated effluent;
 - (f) recyling at least a portion of the activated sludge from the said second container and adding the same to the said first container;
 - (g) removing at least a part of the phosphorus enriched activated sludge from the second container and if desired:
 - (h) denitrifying the recycled activated sludge in a third container by method known per se.

(Compl. Specns.: 16 pages;

Drgn.

1 Sheet

179547

Cl.: 149 A

Int. Cl.: E 02 D 5/80.

"A GROUND ANCHOR FOR USE AS FOUNDATIONS FOR BUILDINGS AND STRUCTURES". ' '

Applicant: INSTANT FOUNDATIONS (AUST.) PTY. LTD., OF 429/CREEK ROAD, MOUNT GRAVATT, QUEENSLAND, 4122, AUSTRALIA.

Inventor: PAUL ANTHONY CAMILLERY.

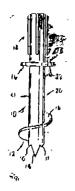
Application No.: 780/Cal/1993 filed on 10-12-1993.

(Convention No. PL6342 on 14-12-92 in Australia).

Appropriate Office for Opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

10 Claims

A ground anchor (10) for use as foundation for building and structures comprising a load bearing tube (11) of uniform diameter having a helical flat (12) adjacent its ground penetrating end and, spaced along the tube (11) from said helical flat (12), an integral ground engaging flange having either a planar disc shape or a helical shape.



(Compl. Specn, : 21 pages;

Drgns.

11 Sheets)

Cl. I 32 E

179548

Int. Cl.4: C 08 F 120/56

G 07 C 102/08, 103/10

"A (PROCESS FOR THE PREPARATION OF ACRYLA-MIDE".

Applicant: MITSUI TOATSU CHEMICALS, INCORPORATED, OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODAKU, TOKYO, JAPAN.

Inventors: (1) TAKEYA ABE.

(I) TAKETA ABE.

(2) YOSHIHIKO KAMBARA.

Application No.: 556/Cal/1994 filed on 14th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, patent Rules, 1972), Patent Office, Calcutta.

7 Claims

A process for the preparation of acrylamide, which comprises treating acrylonitrile in at least two steps, that is, bringing acrylonitrile into contact with a strongly-acidic cation exchange resin and then with n resin having primary and/or secondary amino, groups or with activated carbon and thereafter subjecting the resultant acrylonitrile to hydraion in the presence of copper-base catalyst and under a weight ratio of acrylonitrile to water in a range of from 60; 40 to 5: 95, and a reaction temperature in a range of from 50°C to 200°C.

(Comply Specn.: 48 pages; Drgns.: Nil)

Cl.: 55

 D_2

179549

Int. Cl, : A 01 N 31/02.

"PROCESS FOR PRODUCING 3. 4-C ARNEDIOL"

Applicant: SUMITOMO C HEMICAL COMPANY, LIMITED, OF 5-33, KITAHAMA-4-CHOME" CHUO-KU, OSAKA, JAPAN.

Inventors: (1) KEISUKE WATANABE,

(2) NOBORU YAMAMOTO,

(3) ATSUSHI KAETSU,

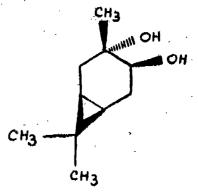
(4) YOSHIMI. YAMADA.

Application No.: 1053/Cal/1995 filed on 4-9-95.

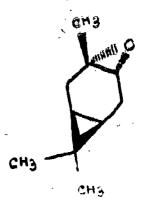
Appropriate Office for Opposition Proceeding, (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

2 Claims

A process for producing 3, 4-caranediol of the formula (1):



which comprises (b) subjecting 3, 4-epoxycarane of the formulla (II)



to hydration in the presence of a base catalyst as herein described in an amount less than 1 mole relative to 1 mole of the 3, 4-epoxycarane, in aqueous ethanol under a pressure of 5 to $15~{\rm Kg/cm^2(G)}$.

(Compl. Specn. : 24 pages;

Drgn. Nil)

Cl.: 555 E

179550

Int, Cl. : C 07 C 235/66, 237/48

C 07 D 401/44,

A 61 K 31/165,

PROCESS FOR THE PRODUCTION OF PHARMACE-UTICALLY ACTIVE BENZIMIDAZOLE DERIVATIVES.

Applicant : LILLY INDUSTRIES LIMITED, OF KINGS-CLERE ROAD, BASINGSTOKE, HAMPSHIRE RG 21 6XA, ENGLAND, U.K.

Inventors: (1) JEREMY GILMORE.

- (2) PETER THADDEUS GALLAGHER
- (3) MARTIN VICTOR MILES
- (4) WILLIAM MARTIN OWTON
- (5) COLIN WILLIAM SMITH.

Application No. 1079/Cal/95 filed on 11-09-1995.

(Convention No. 9418326.6 on 12-9-94 & 9511166.2 on 02-06-95 In U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

Wo Claim:

1. A process for producing pharmaceutically active Benzimidazole derivatives of the formula :

in which R^1 and R' are each halo, trifluoromethyl, C_{1^-8} alkyl, C_{1^-8} alkoxy, optionally substituted phenyl, optionally substituted naphthyl or optionally substituted heteroaryl, R^2 and R^6 are each hydrogen or C_{1^-5} alkyl, R^4 and R^5 are each hydrogen, halo, trifluoromethyl, C_{1^-6} alkyl, C_{1^-6} alkoxy, optionally substituted phenyl, optionally substituted naphthyl or optionally substituted heteroaryl, R^5 is hydrogen, R^6 alkyl, optionally substituted phenyl, optionally substituted naphthyl optionally substituted heteroaryl, optionally substituted phenyl- R^6 alkyl or R^6 where R^6 to an ester group, R^6 and R^6 are each R^6 and R^6 are each R^6 alkyl or R^6 alkyl or R^6 and R^6 are each R^6 and R^6 are each R^6 and R^6 are each R^6 and R^6 and R^6 are each R^6 and R^6 are each R^6 and R^6 and R^6 are each R^6 and R^6 are each R^6 and R^6 and R^6 are each R^6 and R^6 and R^6 and R^6 are each R^6 and R^6 and R^6 are each R^6 and R^6 and R^6 and R^6 and R^6 and R^6 are each R^6 and R^6 and R^6 and R^6 are each R^6 and R^6 and R^6 and R^6 and R^6 are each R^6 and R^6 an



where R° and R^{10} are each hydrogen, $C_{1^{-6}}$ alkyl or optionally substituted phenyl- $C_{1^{-5}}$ alkyl, X is oxygen or sulphur, and Y

where R¹¹ and R¹² are each hydrogen, C₁₋₅ alkyl, trifluoromethyl, optionally substituted phenyl, optionally (substituted naphthyl or optionally substituted heteroaryl; and salts and solvates thereof;

which comprises:

(A) reacting a compound of the formula:

where H-Y is

with a compound of the formula;

$$(CR^2R^3)_nQ$$

where Q_1 to a leaving group, such as heroin described, and $Z, X, \ R^1 \ R^5, \ R^3, \ n$ and m have the values given hereinabove.

(Compl. Specn. 35 pages;

Drwng. Nil.)

AMENDMENT PROCEEDINGS UNDER SECTION-57

The amendments proposed by American Telephone and Telegraph Company, United States of America, in respect of patent Application No. 558/MAS/92 (174155) as advertised in Part III, Section 2 in the Gazette of India on 21-12-1996, and no opposition being filed within the stipulated period. The said amendments have been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION-57

The amendment proposed by AUSMELT PTY. LTD. Australia, in respect of patent Application No. 671/Mas/90 (176773) as advertised in Part III, Section 2 in the Gazette of India on 7-12-19996. and no opposition being filed within the stipulated period, the said amendments have been allowed.

CESSATION OF PATENTS

1662404 166441 167226 168892

PATENT SEALED ON 19-09-1997

177842* 177843 177844 177845 177846 177847 177849 177850 177851*D 177852*F 177853*D 177854*D 177855*F 177856*D 177857*D 177858*D 1778J9*D 177861 177863 177864 177866* 177868 177869 177870 177871* 177872! 177873* 177874* 177875 177876* 177877* 177878* 177880* 177881 177882* 177883 177884 177885 177886*D 177887 177888*D 177890*D 177892"'D 177893* 177895*D 177896*F

CAL-17, DEL-09, MUM-07, CHEN-14

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing.

F-FOOD PATENTS, D-DRUG PATENTS,

PART III-SEC.2] THE GAZETTE OF INDIA, OCTOBER 18, 1997 (ASVINA 26, 1919)

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the DE-Signs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries,

- Class 1. No. 172037, Strumech Designers Pvt. Ltd., an Indian Company of No. 43. Sukh Chain Marg, DLF-Qutub Enclave, Plase 1, Gurgaon, State of Har-yana, India, "AUTOMOBILE VEHICLE TRAI-LERS", 23rd August 1996.
- Class 1, No. 172880, Sri Vinod M. Sherlekar, Indian nationality S/o M. D. Sherlekar residing at Veenu Constructions Company, Veenu Building, Opp: Bal-lalbagh Bus Stop, M. G. Road, Mangalore-3, Karnataka, India. 'A JADDER', 1st January
- Class 3. No. 173512, panduit Corporation, a USA Corporation, of 17301 Ridgeland Avenue, Tinley Park, Illinois 60477-3091, U.S.A., "FIBER OPTIC CONNECTOR JACK", 2nd April 1997.
- Class 3, No, 1732660, Rajdeep Plastics, an Indian partner-ship firm of 17, Jamnadas Industrial Estate, Opp: Jawahar Talkies, Dr R, P. Road, Mulund (W), Mumbai 400080, Maharashtra, India. "CAP", 28th February 1997.
- Class 3. No. 172331, Satia Polycan, 82 New Cloth Market. Outside Rapur Gate, Ahmedabad 380002, Guja

- rat, India, a regd. Indian partnership firm, "JERRY
- CAN", 9th October 1996. Class 3. No. 171806, UP Mineral Industries, of 2. Ambalal Park, behind Aryakanya Vidhyalaya, Karelibaug, Vadodara 390018, Gujarat, India, Indian partnership firm, "BOTTLE, 10th July 1996.
- Class 3 No., 173117, Omron Corporation, a Japanese Company organised and existing under the laws of Japan, manufacturers and merchants of 10, Tuchido-cho, Hanazono, Ukyo-Ku- Kyota, Japan, TEMPERATURE CONTROLLER", 6th Feb.
- Class 10. No. 173084, Dhapar Shoe Aid (P) Ltd., 7/82, Tilak Nagar, Kanpur, U.P., India, "THE SOLES OF FOOTWEAR", 3rd February 1997.
- Class 12. No. 173077, Smithkine Beecham plc., a British Company of New Horizons Court, Brentford, Middsesex TW8 9EP, United Kingdom, 'TAB-LET', 1st August 1996 (Reciprocity date).
- Class 13. No. 173685, Kimberly-Clark Worldwide, INC., a Corporation of the State of Delaware, U.S.A., of 401 North Lake Street, Neenach, Wisconsin 54956, United State of America, "PATTERN BONDED FABRIC" 22nd April 1997.

T. R. SUBRAMANIAN Controller General of Patents, Designs & Trade Marks